

Management of Waterways at City West Link

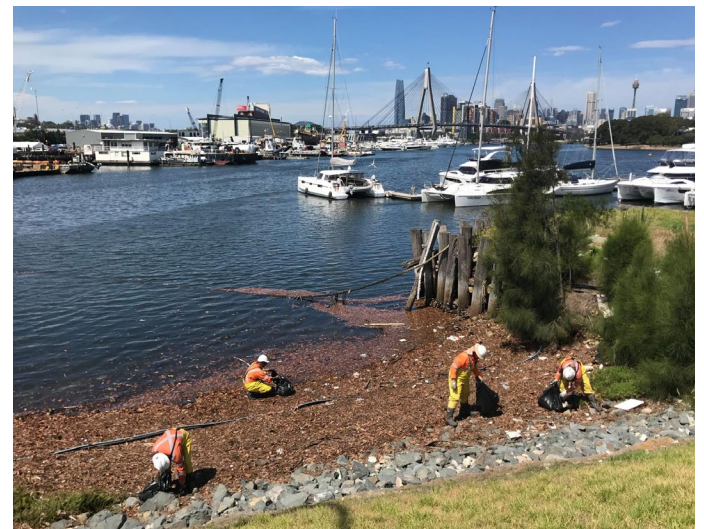


The City West Link (CWL) construction team has the challenging task of completing extensive road construction involving nine major traffic stages, six bridge structures (with an incrementally launched bridge) and the duplication of the Whites Creek stormwater channel along the shoreline of Rozelle Bay.

The proximity of these works to Rozelle Bay poses a range of challenges that the CWL team consider on a daily basis. Some common trials include:

- working in a sensitive environment attributed to past land uses involving various marine contractors & timber processing/manufacturing,
- poor ground conditions posing risk of fluid seepage during foundation and dredging works,
- water (both tidal & groundwater) management during bulk excavation and drainage works,
- consideration of tides when planning work,
- dredging marine sediment from Rozelle Bay and the treatment/management of dredged materials adjacent to Rozelle Bay,
- ongoing readiness to respond to risks including upstream contaminants and flood events,
- demolition of engineered structures adjacent, over and within Whites Creek/Rozelle Bay.

Construction commenced in October 2019 and the CWL team attribute their success to the breadth of experience within the construction & support services teams; carefully curating the best subcontractors for the job; rigorous planning; and working closely with TfNSW & the Project Environmental Representative for works in environmentally sensitive areas when required.



The success of the teams' achievements to date has resulted in numerous benefits to the community including:

- improving pedestrian and cyclist connectivity as works are progressively completed and handed over, and
- minimising the risk of harm to the environment and surrounding parklands during the planning phase of works and managing residual risks during execution.

Protection of the local environment is of the highest priority to the Rozelle Interchange Project. The construction teams work closely with the Environment team to ensure we maintain robust methods of protection across the project to benefit the local community and the environment.

